

INSTRUCTIONS FOR APC 3
STACK IDENTIFICATION

SOURCES THAT ARE REQUIRED TO OBTAIN A PERMIT UNDER PARAGRAPH 1200-03-09-.02(11) OF TENNESSEE AIR POLLUTION CONTROL REGULATIONS, MUST COMPLETE AND RETURN THIS FORM, IF APPLICABLE. APPLICATIONS ARE INCOMPLETE UNLESS ALL APPLICABLE INFORMATION REQUESTED HEREIN IS SUPPLIED. FAILURE TO SUPPLY ANY ADDITIONAL INFORMATION REQUESTED BY THE TECHNICAL SECRETARY TO ENABLE HIM TO ACT ON THE APPLICATION MAY RESULT IN DENIAL OF THIS APPLICATION. IF THERE IS ADDITIONAL INFORMATION THAT WILL NOT FIT ON A FORM, PLEASE DECLARE THE INFORMATION ON ADDITIONAL SHEET(S) AND ATTACH IT TO THE BACK OF THE ORIGINAL.

ONE FORM MUST BE COMPLETED FOR EACH STACK OR RELEASE POINT (e.g., ROOF VENT, WALL VENT, etc.).

- ITEM 3 ASSIGN A STACK IDENTIFICATION NUMBER OR ID TO THIS STACK OR RELEASE POINT (e.g., S-1, S-2, etc.) AND IDENTIFY THIS STACK OR EMISSION RELEASE POINT ON THE FLOW DIAGRAM REQUIRED FOR THE EMISSION SOURCE.

- ITEM 4 PROVIDE THE HEIGHT AT WHICH THE STACK OR RELEASE POINT DISCHARGES ABOVE GRADE IN FEET.

- ITEM 5 ACTUAL VELOCITY AT EXIT CONDITIONS USING EXHAUST FLOW RATE AT EXIT CONDITIONS.

- ITEM 7 PROVIDE THE EXHAUST RATE IN UNITS OF **ACTUAL** CUBIC FEET PER MINUTE (ACFM).

- ITEM 8 PROVIDE THE NORMAL EXHAUST RATE IN UNITS OF **DRY STANDARD** CUBIC FEET PER MINUTE (DSCFM). STANDARD TEMPERATURE IS 68°F FOR SOURCES SUBJECT TO NEW SOURCE PERFORMANCE STANDARDS, 60°F FOR SOURCES SUBJECT TO DIFFUSION EQUATION BASED EMISSION STANDARDS AND 70°F FOR THE REST OF SOURCES.

- ITEM 12 IF THE STACK IS REQUIRED TO BE EQUIPPED WITH CONTINUOUS EMISSION MONITORING EQUIPMENT IDENTIFY THE POLLUTANT MONITORED SUCH AS TRS (TOTAL REDUCED SULFUR), NO_x, SO₂, O₂, CO₂, OR OPACITY.

- ITEM 14 PAGE NUMBER MUST BE FILLED IN. REVISION NUMBER AND DATE OF REVISION ARE TO BE FILLED IN ONLY IF THE INFORMATION ON THIS FORM IS BEING REVISED.

IF ANY ITEM ON THIS APPLICATION IS NOT APPLICABLE TO THIS FACILITY, THE ITEM MUST BE FILLED IN WITH "NOT APPLICABLE" OR "N/A".